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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)
Office Action Summary	10/767,852	YOKOTA ET AL.
	Examiner	Art Unit	
	Huen Wong	2169	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>29 June 2009</u>.
2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.
3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-4,6-9,11 and 13-15</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.
6)☒ Claim(s) <u>1-4,6-9,11 and 13-15</u> is/are rejected.
7)☐ Claim(s) _____ is/are objected to.
8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.
10)☒ The drawing(s) filed on <u>12 August 2004</u> is/are: a)☐ accepted or b)☒ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)
2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3)☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .
5)☐ Notice of Informal Patent Application
6)☐ Other: _____.

DETAILED ACTION

1.   **Claims 1-2 and 13-14** are amended.

      Claims 5, 10, 12, and 16-18 are canceled.

      Claims 1-4, 6-9, 11, and 13-15 are presented for examination.

2.   The claims and only the claims form the metes and bounds of the invention. "Office personnel are to give claims their broadest reasonable interpretation in light of the supporting disclosure. In re Morris, 127 F.3d 1048, 1054-55, 44 USPQ2d 1023, 1027-28 (Fed. Cir. 1997). Limitations appearing in the specification but not recited in the claim are not read into the claim. In re Prater, 415 F.2d 1393, 1404-05, 162 USPQ 541, 550-551 (CCPA 1969)" (MPEP p 2100-8, c 2, l 45-48; p 2100-9, c 1, l 1-4). The Examiner has full latitude to interpret each claim in the broadest reasonable sense. The Examiner will reference prior art using terminology familiar to one of ordinary skill in the art. Such an approach is broad in concept and can be either explicit or implicit in meaning.

Response to Amendments

3.   The Examiner respectfully withdraws *Claim Rejections - 35 USC § 101* on **claim 12** in view of Applicant's cancellation of the claim.

4.   The Examiner respectfully withdraws *Claim Rejections - 35 USC § 112* on **claims 2 and 14** in view of Applicant's amendments.

Response to Arguments

5.   Applicant's arguments are moot in view of new grounds of rejection below.

Drawings

6.   The drawings are objected to under 37 CFR 1.83(a) because they fail to show

S130 as step of determining **<u>whether header are selected</u>**, as described in **[0053]** of

the specification. The drawings also fail to show **S150** as step of determining whether

<u>"Return to the preceding page"</u> is selected, as described in **[0055]** of the specification

S130 and S150 of Fig. 4 merely show "SELECTED?"

Any structural detail that is essential for a proper understanding of the disclosed

invention should be shown in the drawing. MPEP § 608.02(d). Corrected drawing

sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to

avoid abandonment of the application. Any amended replacement drawing sheet should

include all of the figures appearing on the immediate prior version of the sheet, even if

only one figure is being amended. The figure or figure number of an amended drawing

should not be labeled as "amended." If a drawing figure is to be canceled, the

appropriate figure must be removed from the replacement sheet, and where necessary,

the remaining figures must be renumbered and appropriate changes made to the brief

description of the several views of the drawings for consistency. Additional replacement

sheets may be necessary to show the renumbering of the remaining figures. Each

drawing sheet submitted after the filing date of an application must be labeled in the top

margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If

the changes are not accepted by the examiner, the applicant will be notified and

informed of any required corrective action in the next Office action. The objection to the

drawings will not be held in abeyance.

7.   Amended claim 1 recites "**the request being generated by execution by the**

user of a short-cut link on a desktop screen of said computer, the short-cut link

incorporating a plurality of part codes as parameters of a URL, the plurality of

part codes corresponding to the parts selected from the plurality of parts." While

Fig. 1 shows icon 28, none of Applicant's drawings appear to show **short-cut link**

incorporating a plurality of part codes as parameters of a URL, the plurality of

part codes corresponding to the parts selected from the plurality of parts.

The drawings are objected to under 37 CFR 1.83(a). The drawings must show

every feature of the invention specified in the claims. No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in

reply to the Office action to avoid abandonment of the application. Any amended

replacement drawing sheet should include all of the figures appearing on the immediate

prior version of the sheet, even if only one figure is being amended. The figure or figure

number of an amended drawing should not be labeled as "amended." If a drawing figure

is to be canceled, the appropriate figure must be removed from the replacement sheet,

and where necessary, the remaining figures must be renumbered and appropriate

changes made to the brief description of the several views of the drawings for

consistency. Additional replacement sheets may be necessary to show the renumbering

of the remaining figures. Each drawing sheet submitted after the filing date of an

application must be labeled in the top margin as either "Replacement Sheet" or "New

Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner,

the applicant will be notified and informed of any required corrective action in the next

Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 103

8.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for

all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

9.   **Claims 1-4, 7-9, and 13-15 rejected under 35 U.S.C. 103(a) as being**

unpatentable over US Patent 6240420 by Lee, in view of HTML 4.01 Specification

(hereinafter "HTML 4.01").

10.   As to **amended claim 1**, *Lee* teaches an information offering apparatus for

offering, via a communication network, information to a user of a product <u>comprising a</u>

<u>computer</u> produced by combining parts selected from a plurality of parts, <u>the apparatus</u>

comprising:

        question-and-answer items storage unit means for storing question-and-answer

items including questions for each of the plurality of parts and answers for the questions

(*Lee*: Figs. 1-7, Col. 3 Lines 3-22, Col. 4 Lines 8-67; storage of plurality of FAQs);

        request-receiving means for receiving a request for offering information of the

product from the user via the communication network (*Lee*: Figs. 1-7 & 8A-8B, Col. 3

Lines 3-22, Col. 4 Lines 8-67, Col. 5 Lines 9-62; user using support system to search for

desired/wanted item as indicated in Fig. 7);

information-obtaining means for obtaining part-related information related to a

part constituting the product in response to receiving the request (*Lee*: Figs. 1-7 & 8A-

8B, Col. 3 Lines 3-22, Col. 4 Lines 8-67, Col. 5 Lines 9-62; user interacting with support

system by selecting from menu windows);

pick-up means for picking up, from the question-and-answer items storage

means, at least one question-and-answer item related to the part constituting the

product based on the part-related information that is obtained (*Lee*: Figs. 1-7 & 8A-8B,

Col. 3 Lines 3-22, Col. 4 Lines 8-67, Col. 5 Lines 9-62, Col. 6 Lines 1-6; user using

support system to search for desired/wanted item as indicated in Fig. 7; also,

display/output of data and providing wanted information via LAN, PSTN; also, storage of

plurality of FAQs; further, search based on devices constituting product); and

transmission means for transmitting the question-and-answer item that is picked

up to the user who has issued the request (*Lee*: Figs. 1-7 & 8A-8B, Col. 3 Lines 3-22,

Col. 4 Lines 8-67, Col. 5 Lines 9-62, Col. 6 Lines 1-6; user using support system to

search for desired/wanted item as indicated in Fig. 7; also, display/output of data and

providing wanted information via LAN, PSTN; further, storage of plurality of FAQs).

Lee also discloses request for offering information that involves searching

databases, in Internet environment, for information related to products based on

parameters selected from list GUI controls (*Lee*: Figs. 1-7 & 8A-8B, Col. 3 Lines 3-22,

Col. 4 Lines 8-67, Col. 5 Lines 9-62, Col. 6 Lines 1-6). *Lee* further discloses customer

service system (*Lee*: Col. 1 Lines 35-65; Col. 2 Lines 40-50; customer service used

when defects occur in a purchased product; also, purchased computer) and **plurality of**

part codes corresponding to the parts selected from the plurality of parts (*Lee*:

Figs. 1-7 & 8A-8B, Col. 3 Lines 3-22, Col. 4 Lines 8-67, Col. 5 Lines 9-62, Col. 6 Lines

1-6).

Lee does not explicitly disclose that **the request being generated by execution**

by the user of a short-cut link on a desktop screen of said computer, the short-cut

link incorporating a plurality of part codes as parameters of a URL.

However, *HTML 4.01* teaches **the request being generated by execution by**

the user of a short-cut link on a desktop screen of said computer (*HTML 4.01*:

Forms; Appendix B 2.2 - Ampersands in URI attribute values; get and post submit

methods; also, submit button control that submits form data set to server-side form

processing agents when activated; also, "action" location of a form processing agent to

send data set to; also, form data set is a sequence of control-name/current-value pairs

constructed from successful controls, such as *Lee*'s menus controls in Fig. 7; also,

successful controls are those controls for which name/value pairs are submitted; also,

form data set appended to URI as part of form submit; also, menu controls such as

Lee's menus in Fig. 7; further, "URI that is constructed when a form is submitted may be

used as an anchor-style link - e.g., the href attribute for the A element")**, the short-cut**

link incorporating a plurality of codes as parameters of a URL, (*HTML 4.01*: Forms;

Appendix B 2.2 - Ampersands in URI attribute values; get and post submit methods;

also, submit button control that submits form data set to server-side form processing

agents when activated; also, "action" location of a form processing agent to send data

set to; also, form data set is a sequence of control-name/current-value pairs, *such as*

values selected from Lee's menus in Fig. 7, constructed from successful controls, such

as *Lee's* menus controls in Fig. 7; also, successful controls are those controls for which

name/value pairs are submitted; also, form data set appended to URI as part of form

submit; also, menu controls such as *Lee's* menus in Fig. 7; further, "URI that is

constructed when a form is submitted may be used as an anchor-style link - e.g., the

href attribute for the A element") in order to perform information searching over HTTP,

using HTML, in client-server environment such as the Internet environment disclosed by

Lee.

It would have been obvious to one having ordinary skill in the art and the

teachings of *Lee* and *HTML 4.01* before them at the time the present invention was

made to incorporate *HTML 4.01*'s features of **request being generated by execution**

by the user of a short-cut link on a desktop screen of said computer (*HTML 4.01*:

Forms; Appendix B 2.2 - Ampersands in URI attribute values; get and post submit

methods; also, submit button control that submits form data set to server-side form

processing agents when activated; also, "action" location of a form processing agent to

send data set to; also, form data set is a sequence of control-name/current-value pairs

constructed from successful controls, such as *Lee's* menus controls in Fig. 7; also,

successful controls are those controls for which name/value pairs are submitted; also,

form data set appended to URI as part of form submit; also, menu controls such as

Lee's menus in Fig. 7; further, "URI that is constructed when a form is submitted may be

used as an anchor-style link - e.g., the href attribute for the A element") and **the short-**

cut link incorporating a plurality of codes as parameters of a URL, (*HTML 4.01*:

Forms; Appendix B 2.2 - Ampersands in URI attribute values; get and post submit

methods; also, submit button control that submits form data set to server-side form

processing agents when activated; also, "action" location of a form processing agent to

send data set to; also, form data set is a sequence of control-name/current-value pairs,

such as values selected from Lee's menus in Fig. 7, constructed from successful

controls, such as *Lee's* menus controls in Fig. 7; also, successful controls are those

controls for which name/value pairs are submitted; also, form data set appended to URI

as part of form submit; also, menu controls such as *Lee's* menus in Fig. 7; further, "URI

that is constructed when a form is submitted may be used as an anchor-style link - e.g.,

the href attribute for the A element") with *Lee's* apparatus that make use of **plurality of**

part codes corresponding to the parts selected from the plurality of parts (*Lee*:

Figs. 1-7 & 8A-8B, Col. 3 Lines 3-22, Col. 4 Lines 8-67, Col. 5 Lines 9-62, Col. 6 Lines

1-6).

The suggestion/motivation for doing so would have been to perform information

searching over HTTP, using HTML, in client-server environment such as the Internet

environment disclosed by *Lee*.

Amended claim 13, a method claim, includes similar subject matter and is

rejected for the same reason.

11.   As to **claim 2**, the combination of *Lee* and *HTML 4.01* teaches the information

offering apparatus according to claim 1. *Lee* further discloses wherein said information-

obtaining means comprises one for obtaining the part-related information from the

information received upon receipt of the request for offering information of the product from said request-receiving means (*Lee*: Figs. 1-7 & 8A-8B, Col. 3 Lines 3-22, Col. 4 Lines 8-67, Col. 5 Lines 9-62, Col. 6 Lines 1-6; user using support system to search for desired/wanted item as indicated in Fig. 7; also, display/output of data and providing wanted information via LAN, PSTN; also, storage of plurality of FAQs; further, devices constituting product).

Claim 14, a method claim, includes similar subject matter and is rejected for the same reason.

12.   As to **claim 3**, the combination of *Lee* and *HTML 4.01* teaches the information offering apparatus according to claim 2. *Lee* further discloses wherein said product comprises one that is so constituted as to request the offer for information of the product for the information offering apparatus via the communication network, and transmits the part-related information in response to the request at the time of request (*Lee*: Figs. 1-7 & 8A-8B, Col. 3 Lines 3-22, Col. 4 Lines 8-67, Col. 5 Lines 9-62, Col. 6 Lines 1-6; user using support system to search for desired/wanted item as indicated in Fig. 7; also, display/output of data and providing wanted information via LAN, PSTN, modem; also, storage of plurality of FAQs; further, search based on devices constituting product).

13.   As to **claim 4**, the combination of *Lee* and *HTML 4.01* teaches the information offering apparatus according to claim 2. *Lee* further discloses wherein the request includes request information for offering information from said information offering apparatus via the communication network and the part-related information (*Lee*: Figs. 1-

7 & 8A-8B, Col. 3 Lines 3-22, Col. 4 Lines 8-67, Col. 5 Lines 9-62, Col. 6 Lines 1-6; user

using support system to search for desired/wanted item as indicated in Fig. 7; also,

display/output of data and providing wanted information via LAN, PSTN; also, storage of

plurality of FAQs; further, search based on devices constituting product).

14.   As to **claim 7**, the combination of *Lee* and *HTML 4.01* teaches the information

offering apparatus according to claim 1. *Lee* further discloses:

related information storage means for storing product identification information

relating to part-related information of the product (*Lee*: Figs. 1-7 & 8A-8B, Col. 3 Lines

3-22, Col. 4 Lines 8-67, Col. 5 Lines 9-62, Col. 6 Lines 1-6; user using support system

to search for desired/wanted item as indicated in Fig. 7; also, display/output of data and

providing wanted information via LAN, PSTN; also, storage of plurality of FAQs; further,

search based on devices constituting product and model);

wherein said request-receiving means comprises one for receiving product

identification information in response to the receipt of the request (*Lee*: Figs. 1-7 & 8A-

8B, Col. 3 Lines 3-22, Col. 4 Lines 8-67, Col. 5 Lines 9-62, Col. 6 Lines 1-6; user using

support system to search for desired/wanted item as indicated in Fig. 7; also,

display/output of data and providing wanted information via LAN, PSTN; also, storage of

plurality of FAQs; further, search based on devices constituting product and model); and

said information-obtaining means comprises one for obtaining corresponding

part-related information from said related information storage means based on

identification information that is received (*Lee*: Figs. 1-7 & 8A-8B, Col. 3 Lines 3-22, Col.

4 Lines 8-67, Col. 5 Lines 9-62, Col. 6 Lines 1-6; user using support system to search

for desired/wanted item as indicated in Fig. 7; also, display/output of data and providing

wanted information via LAN, PSTN; also, storage of plurality of FAQs; also, search

based on devices constituting product and model; further, corresponding devices).

      Claim 15, a method claim, includes similar subject matter and is rejected for the

same reason.

15.   As to **claim 8**, the combination of *Lee* and *HTML 4.01* teaches the information

offering apparatus according to claim 7. *Lee* further discloses wherein said product

comprises one that is so constituted as to request the offer for information of the product

for the information offering apparatus via the communication network (*Lee*: Figs. 1-7 &

8A-8B, Col. 3 Lines 3-22, Col. 4 Lines 8-67, Col. 5 Lines 9-62, Col. 6 Lines 1-6; user

using support system to search for desired/wanted item as indicated in Fig. 7; also,

display/output of data and providing wanted information via LAN, PSTN, modem; also,

storage of plurality of FAQs; further, search based on devices constituting product), and

transmits product identification information in response to the request at the time of

request (*Lee*: Figs. 1-7 & 8A-8B, Col. 3 Lines 3-22, Col. 4 Lines 8-67, Col. 5 Lines 9-62,

Col. 6 Lines 1-6; user using support system to search for desired/wanted item as

indicated in Fig. 7; also, display/output of data and providing wanted information via

LAN, PSTN; also, storage of plurality of FAQs; also, search based on devices

constituting product and model; further, corresponding devices).

16.   As to **claim 9**, the combination of *Lee* and *HTML 4.01* teaches the information

offering apparatus according to claim 7. *Lee* further discloses wherein the request

includes request information for offering information from said information offering

apparatus via the communication network and product identification information (*Lee*:

Figs. 1-7 & 8A-8B, Col. 3 Lines 3-22, Col. 4 Lines 8-67, Col. 5 Lines 9-62, Col. 6 Lines

1-6; user using support system to search for desired/wanted item as indicated in Fig. 7;

also, display/output of data and providing wanted information via LAN, PSTN; also,

storage of plurality of FAQs; also, search based on devices constituting product and

model; further, corresponding devices).

17.   **Claims 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over US**

Patent 6240420 by Lee, in view of HTML 4.01 Specification (hereinafter "HTML

4.01"), and further in view of US Patent 6826715 by Meyer et al. (hereinafter

"Meyer").

18.   As to **claim 6**, the combination of *Lee* and *HTML 4.01* teaches the information

offering apparatus according to claim 3. *Lee* and *HTML 4.01* do not explicitly disclose

the part-related information is stored in the product at a time of producing said product.

        However, *Meyer* discloses automatic capturing hardware, OS information and

transmitting it for automatic diagnostic/support purposes (*Meyer*: Col. 1 Lines 40-67,

Col. 2 Lines 1-18, Col. 4 Lines 40-45, Sample Logs from Col. 3 – Col. 24).

        It would have been obvious to one having ordinary skill in the art and the

teachings of *Lee, HTML 4.01* and *Meyer* before them at the time the present invention

was made to incorporate *Meyer*'s features of automatic capturing hardware, OS

information and transmitting it (*Meyer*: Col. 1 Lines 40-67, Col. 2 Lines 1-18, Col. 4

Lines 40-45, Sample Logs from Col. 3 – Col. 24) with the apparatus taught by *Lee* and

HTML 4.01 (*Meyer*: Col. 1 Lines 40-67, Col. 2 Lines 1-18, Col. 4 Lines 40-45, Sample

Logs from Col. 3 – Col. 24). The suggestion/motivation for doing so would have been to

provide automatic diagnostic/support (*Meyer*: Col. 1 Lines 40-67, Col. 2 Lines 1-18, Col.

4 Lines 40-45, Sample Logs from Col. 3 – Col. 24).

19.   **Claims 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over US**

Patent 6240420 by Lee, , in view of HTML 4.01 Specification (hereinafter "HTML

4.01"), and further in view of US Patent 6170056 by Sidie.

20.   As to **claim 11**, the combination of *Lee* and *HTML 4.01* teaches the information

offering apparatus according to claim 8. Though it is well known that BIOS stores

computer identification information, *Lee* and *HTML 4.01* do not explicitly disclose

wherein the identification information is stored in the product at a time of producing said

product.

However, *Sidie* discloses scanning of BIOS to retrieve model information of

computer in order to perform inventorying of computers in a fast, non-intrusive manner

without physical manipulation of computer and also to prepare for software upgrades

and impending Y2K issues (*Sidie*: Col. 1 Lines 53-66, Col. 2 Lines 17-67, Col. 3 Lines

1-28).

It would have been obvious to one having ordinary skill in the art and the

teachings of *Lee*, *HTML 4.01* and *Sidie* before them at the time the present invention

was made to incorporate *Sidie*'s feature of scanning of BIOS to retrieve model

information of computer with the apparatus taught by *Lee* and *HTML 4.01* (*Sidie*: Col. 1

Lines 53-66, Col. 2 Lines 17-67, Col. 3 Lines 1-28). The suggestion/motivation for

doing so would have been to perform inventorying of computers in a fast, non-intrusive

manner without physical manipulation of computer and also to prepare for software

upgrades and impending Y2K issues (*Sidie*: Col. 1 Lines 53-66, Col. 2 Lines 17-67, Col.

3 Lines 1-28).

Prior Art

21.   The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure.

- **US PGPUB 2001/0030234** by **Wiklof** discloses parsing URL and extracting

  product information from URL.

- **US PGPUB 2003/0158792** by **Perkowski** discloses "ACTION of the HTML

  form" that specifies URL of the CGI script that will process request and that

  "the arguments (the query string) being attached to the end of the URL."

  The Perkowski reference also discloses "CGI script translates the query

  string into a proper query for use in searching the RDBMS".

- **US PGPUB 2003/0037069** by **Davison** discloses "URL is one way of

  sending a request to the HTTP server." Also, the Davison reference

  discloses POST command. Also, the Davison reference discloses

  arguments sent by incorporating then as part of a URL (e.g., sql statement

  attached at the end of URL with the syntax "?sql statement"). Also, the

Davison reference discloses "retrieving data from a server in response to a

user-generated query." Also, the Davison reference discloses HTTP server

parsing URL. Further, the Davison reference discloses execution of "a CGI

script that extracts the query from the incoming URL, and sends the query to

the supplier's database," that "server database generates a result set based

on the contents of the query," and that "the result set comprises rows from

the various tables of the server database that correspond to the parameters

of the query."

- **US Patent 6484149** by **Jammes et al.** discloses web server "scans the URL

  of the HTTP Post message and recognizes that an ISAPI query application

  is identified by the URL." The Jammes reference also discloses extracting

  "the query from the HTTP Post message in name/value pair format and

  passes the query to the ISAPI query application." The Jammes reference

  further discloses "one of ordinary skill in the art will understand that Web

  servers possess parsing routines to extract data parameter from HTTP Post

  messages in name/value pair format and that applications, such as the

  ISAPI query application, may be identified by a portion of a URL."

- **US Patent 6589290** by **Maxwell et al.** discloses "the ACTION attribute

  specifies what program on the server to execute when form is submitted for

  processing." The Maxwell reference also discloses "the ACTION attribute

  specifies what program on the server to execute when form is submitted for

  processing." The Maxwell reference also discloses query string such as

"user_name=Bill&user_address=130 West Union Street Pasadena CA

91103&user_cc=1111222233334444" that is sent to web server. The

Maxwell reference also discloses "this data string may be handled by" GET

or POST. The Maxwell reference also discloses appending form data "onto

the end of a Uniform Resource Locator or in QUERY_STRING environment

variable." The Maxwell reference also discloses URL "submitted to web

server 320 by web client 330 in an HTTP request". The Maxwell reference

also discloses form_processor.pl PERL script that is "tasked with processing

data string".

Conclusion

22.   Applicant's amendment necessitated the new ground(s) of rejection presented in

this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37

CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Huen Wong whose telephone number is (571) 270-3426. The examiner can normally be reached on Monday - Friday (8:30 EST - 5:00 EST).

If attempts to reach the examiner by telephone are unsuccessful, the Examiner's supervisor, Tony Mahmoudi can be reached on (571) 272-4078. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/H. W./   /Vincent Boccio/

Examiner, Art Unit 2169   Primary Examiner, Art Unit 2158

October 27, 2009